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| Book Name: | [Chemistry and Biochemistry: Research Progress](https://www.bookpi.org/bookstore/product/chemistry-and-biochemistry-research-progress-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4129** |
| Title of the Manuscript: | **Crystal Structure of the Monoprotonated Tripodal Ligand Tris(2,2’- bipyrid-6-yl) Methanol** |
| Type of the Article | **Book chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This book chapter reports the crystal structure of the ligand framework, isolated in its monoprotonated form with a perchlorate counterion. The structure was solved in a monoclinic space group C2/c with cell parameters, a = 21.5885 (3), b = 11.7485 (3), c = 24.6939 (6) Å, β = 110.790 (1) °, volume = 5855.4 (2) Å3, Z = 8. The 1H NMR of the protonated ligand is like the parent ligand and showed the compound retained its 3-fold symmetry and all bipyridine groups were equivalent. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, suitable. |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract of the article is comprehensive. No addition (or deletion) of points required in this section. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript is scientifically, correct. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are sufficient, and they are not recent. No suggestions for additional references. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, the language/English quality of the article is suitable for scholarly communications. |  |
| Optional/General comments | No general comments. |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*** |
| **Are there ethical issues in this manuscript?** | ***(If yes, Kindly please write down the ethical issues here in details)*** |  |

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| **Reviewer Details:** | |
| **Name:** | **Aravazhi Amalan Thiruvalluvar** |
| **Department, University & Country** | **India** |